

Please forward to all teachers of GENERAL SCIENCE

EVEN MORE

EDUCATION MATTERS

WHY IS IT SO inspired Science Education Kits

Adrian says:

Even more kits from our 'WHY IS IT SO' SERIES which are sure to thrill and motivate.

Lots of science here and lots to talk about with plenty of wacky experiments guaranteed to leave a lasting impression on family, friends and everyone at school.



Term 3 & 4
2016

Charge 15 Activities

Build 6 different devices.

- Spew a glitter fountain
- Make your hair stand on end with electrostatic CHARGE!
- Generate large sparks
- Spin an electrostatic motor
- Explore and detect plus and minus charges
- Propel objects with an electrostatic generator

7814

\$33

Science
Wiz



SOUND -- Build an Edison style phonograph!

Build a working Edison Phonograph!

Build 20 different projects to explore Sound Vibrations!

7807

\$69

Science
Wiz

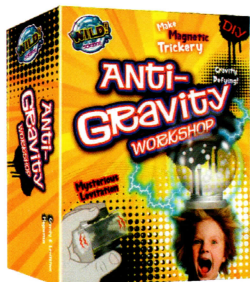


ANTI-GRAVITY WORKSHOP

Learn about gravity through activities like levitating magnets, morphing force fields, spooky wheels and more! Explore the mysteries of gravity and levitation! Includes full color learning guide. Recommended for ages 6 and up.

TRE038659

\$16



BUILD A ROBOT KIT

In the book, discover how robots interact with us on every level, from repetitive task to exploring the galaxy. Then build three different included wind-up robots and set them whirring into life.

- 32 page book
- 61 model pieces
- 3 wind up motors

USB081817

\$29



RUBBISH CART ROBOT

- Construct a motorised rubbish bin that explores its surroundings
- The robot's lid opens and closes, as it reminds you to reduce everyday waste

FSG3371

\$35

THE RECYCLER



SOLAR PLANE MOBILE

This aircraft is powered by solar energy

- Bring it outdoors & share this next wave technology
- Hang it from the ceiling or put it on a bottle as a mobile

This product is a first

FSG3375

\$35



TIN CAN EDGE DETECTOR

Help save our environment

- Recycle a used beverage can to build this edge detector robot
- It moves all over your tabletop without ever falling off

Oops dont go there!

FSG3373

\$35



FOLD & FLY PAPER PLANES

- 289Mm x 259mm x 20mm h/c spiral
- Discover the ultimate paper-plane book for both the young & young at heart
- Over 40 amazing planes ranging from true classics to original designs
- Simple step-by-step folding instructions & clear diagrams

HB009

\$25



Spectacular aerodynamics!

EDUCATION MATTERS

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Email: sales@educationmatters.com.au

Ph: (03) 9568 6408 Fax: (03) 9568 1938
www.educationmatters.com.au

Solar Green Power

Solar Science

- Build a miniature working model of a solar oven & solar water heater you can cook an egg or a small potato



FSG3278

\$25



6 In 1 Solar Kit

- By using the components you can construct 6 different models
- Teaches the basics of solar power principles

FS610

\$25



Solar Mechanics

Build a mini robot & watch it slide across the floor, construct a handy cooling fan for hot weather, make a solar spinner which creates a rainbow in your room & much more

FSG3401

\$30



14 In 1 Educational Solar Robots

An amazing solar powered robot that can be transformed into 14 different robot models. Powered by the sun it requires no batteries.

FS6152

\$45



7 In 1 Solar Vehicle & Recharge Station

The kit comes with snap together plastic parts, a full time recharging station provides 2 alternatives for recharging. 5 Different vehicles can be made using interchangeable parts

FS640

\$30



7 In 1 Solar Space Fleet

- The kit comes with snap together pieces, micro rechargeable battery, solar panels & other accessories
- You can make 7 different space machines using the interchangeable pieces

FS6417

\$40



Solar Educational Kit

Experiment with solar energy - the energy source of the future. Our solar educational kit is designed to let you build your own solar models.

The Kit comes complete with:

- Solar cell module, Solar energy booklet explaining the hows and whys of solar energy, Small DC motor
- Screws and nuts, Wire with motor clips, Colour spinner discs, Paper aeroplane and bird models, Plastic turntables with 4 sizes, 5/8, 1, 1.5 and 2, Plastic fan spinner.

KJ-6690

\$19



Deluxe Solar Educational Kit

A series of do-it-yourself experiments to acquire the basic knowledge of solar energy. Supplied with a solar panel which incorporates 3 x 1.5V cells for series or parallel connection.

The kit comes complete with:

- Solar cell module with plastic stand
- Musical unit, Plastic lamp, Small DC motor with stand, Wire with motor clips, 4 jumper wires
- Nuts and plastic spanner, Colour spinner discs, Paper aeroplane and bird models, Plastic turntables with 4 sizes, 5/8, 1, 1.5 and 2 inch, Plastic fan spinner, 14 page solar energy booklet explaining the why & hows of solar energy

KJ-6694

\$29

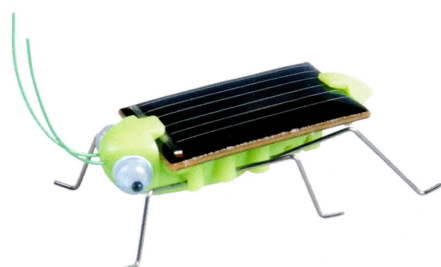


Solar Powered Grasshopper Kit

Unleash the biblical wrath of Yahweh and wreak a horrible pestilence of solar grasshoppers on thine enemies. Of course you might need to buy a few thousand, but think how good you'll be at building them!

GT 3751

\$13



NEW

Solar Furnace

Demonstrate the extraordinary power of the Sun. Did you know temperatures can reach more than 150 degrees C in bright sunlight? Demonstrate this with our 31cm diameter parabolic reflector. It concentrates sunlight in a black colored copper cup.

GE408301

\$99



Super Sun Print Kit

Use sun and water to make photographic type prints!

SP000

\$36

A chemical change takes place when sunprint paper is exposed to light.

Sun Print Refill

EXTRA LARGE SHEETS

SP440

\$29



Solar Energy Lab

Consists of a solar cell with 4mm terminals and a high quality "test box" with motor, buzzer and LED.

A very consistent and effective teaching package



PH1212

\$69



Green Power Science Kits - Alternative Energy

Enviro Battery

- One of the most unique & non polluting energy sources you could find on earth
- Potato, salt & mud can be used to generate electricity
- Be amazed at how they light up a bulb or a sound buzzer
- Comes with all the components to complete the projects except for the mud, salt & potato



FSG3261

\$25

Dynamo Torch

Turn a simple motor into a generator which converts hand motion into electrical energy to power a light globe. No battery, no pollution - it's amazing



FSG3263

\$25



Windmill Generator

- Use the wind to light up the night
- Learn how to harvest the power from the wind
- Requires a recycled soft drink bottle
- No batteries required



FSG3267

\$25

Salt Water Engine Kit

This is an environmentally friendly **fuel cell** car engine. Be amazed that by just adding a few drops of salt water the car's engine will start to run. See how a v8 engine works



FS752

\$30

Salt Water Fuel Car

This is a concept of an environmentally friendly **fuel cell** vehicle, teaches the concept of new energy

- See how this car runs by just using salt water
- All materials in this kit are environmentally safe & clean

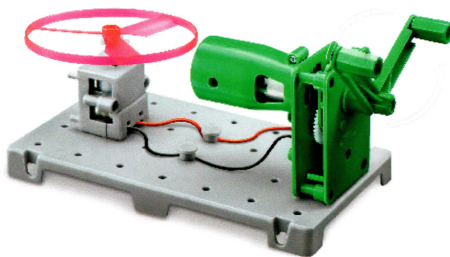


FS613

\$25

Dynamo Circuit Board

Learn how electricity is generated by dynamo, and how a circuit is connected. Make a dynamo racer, light-up robot, helicopter & propeller vehicle



FSG3361

\$35

Wind Powered Landsailer

Set your sails and see landsailer zip away! Landsailer is a sleek model land yacht. Put it together, add some wind and watch it go.



FSG3911

\$28

Eco Science Toys

- Use everyday waste to create fantastic science toys
- Create a tornado inside empty plastic bottles
- Includes a 12 page colour instruction book

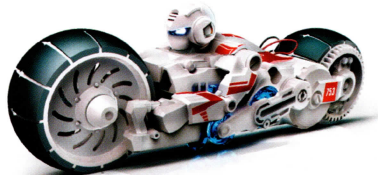


FSG3287

\$25

Salt Water Motorcycle

- The motorcycle is equipped with camshafts & swing arms allows for full throttle excitement
 - You can go straight, right, left & radical "s" turns
- Powered by salt water which you drop onto the magnesium **fuel cell** modular



FS753

\$40

Salt Water Spider

An environmentally friendly **fuel cell** spider

- Be amazed that by adding just a few drops of salt water the spider will come alive & move along in a frightening manner
- Snap together plastic pieces requires no glue



FS751

\$25

Robotics

Solar Robot

- Learn how to make a moving robot using solar panels & a motor
- Watch it walk on a sunny day
- No batteries required

FSG3294

\$36



Table Top Robot

Assemble a robotic crab which can detect the edge of any platform or table to avoid falling off. Turn it on and put it on the table, watch it perform

FSG3357

\$28



Robotic hand

- Build your own robotic hand with all the materials required provided
- Amaze your friends with this simple fun automation

FSG3284

\$25



Smart Robot

This smart robot changes its moving path when it hits an obstacle

FSG3272

\$28

- * Does it have a brain ?
- * How does it do this ?
- * Buy one and find out !



Mecho - Robobug

- Learn how a motor works
- Explore important mechanisms like pivots, linkages & levers
- Connect the circuit to build this amazing robobug, with a sturdy, lightweight & colourful body

FSG3403

\$33

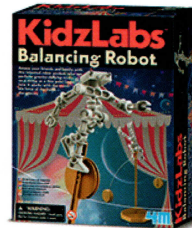


Balancing Robot

- A robot acrobat with the talent to perform gravity defying tricks
- Learn how it is always able to find its equilibrium by making use of its centre of gravity

FSG3364

\$25



Salt Powered Robot

- Create a racer powered by charcoal & salt water
- It's fun & educational
- Great for children's & parents projects

FSG3353

\$23



T3 - Transforming Robot

Build your own robot that transforms into tank, robot, and scorpion and see how the solar power drives the motor to make different movements

FS614

\$25



T4 Transforming Robot

The kit will transform into 4 different robots using interchangeable pieces you can make a walking robot, rhino beetle, T-Rex, and a drill vehicle. Powered by the sun.

FS617

\$35



Frilled Lizard Robot

- Artificial intelligent (ai) super lizard robot that is programmed with interesting interactive modes. Mode 1 - it is a freely moving & detects all around to avoid obstacles, Mode 2 - follow me like a pet
- Fast running legs, wagging tail & a frill that pops up & shakes

FS892

\$49



Action Plus

Insectoid

- Assemble all the parts together to make this amazing insectoid
- It looks like a stick insect, it crawls, it wiggles just like the real thing

FSG3367

\$28



Mecho - Clawbot

- Learn how a motor works
- Explore important mechanisms like pivots, linkages & levers
- Connect the circuit to build this amazing clawbot, with a sturdy, light & colourful body

FSG3278

\$34

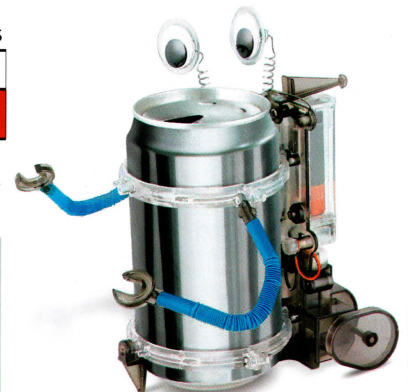


Tin Can Robot

Recycle a can as the body of this cute little robot he walks along in a silly motion maybe use a vb can to give him a reason to walk a little funny

FSG3270

\$29



Flight, Rockets & Racers

Cosmic Rocket

- Make up your rocket
- Simply add baking powder & vinegar, then watch it shoot up in the sky about 10 mtrs
- This kit is recommended to be used outside only

FSG03235

\$25



Flying Science

- Build fun flying toys and learn the science principles behind. Makes 9 flying projects
- Build an airfoil model which demonstrates the basic theory of flying
- Construct a kite or a parachute

FSG03292

\$25



Air Power Engine Car

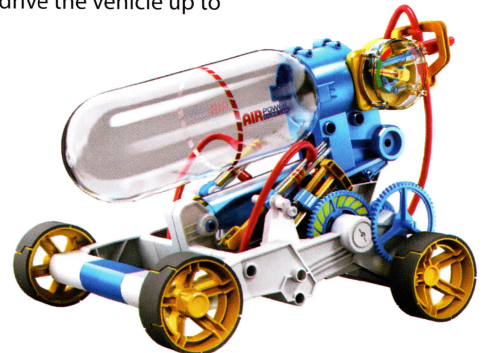
No motor & no batteries needed, air powered, a pump up bar with a pressure meter is built into the car for easy operation. When the air chamber is full you can release the compressed air & drive the vehicle up to 50 mtrs in 35 seconds

FS631

\$49



VROOM!

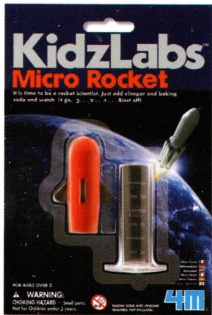


Micro rocket

- Just add vinegar and baking soda to this rocket and
- Watch it blast off
- Can be used over and over again

FSG03305

\$10



Green Rocket

Simply add a recycled magazine & two recycled plastic bottles to what's already in the box and you can blast a paper rocket up to 25 metres into the air.

FSG03298

25

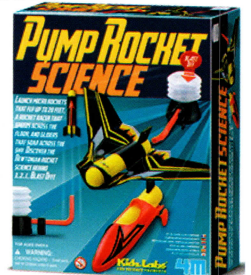


Pump Rocket Science

- Launch micro rockets that fly up to 6 metres into the air
- You can also make a rocket racer that speeds across the floor & gliders that soar across the sky

FSG3355

\$25



Electric Dragster

Build a fast looking dragster. Best to use a smooth surface to top speed. Try the cd's first before you assemble them to see if anyone left any vital information on them

FSG3905

\$28



Electric Plane Launcher

This is cool assemble the machine, make up a paper plane and watch it take off.

FSG3906

\$28



Hover Racer

Watch your own fantastic hover racer skim smoothly across the floor supported on a cushion of air. Learn the scientific facts behind a hovercraft

FSG3366

\$28



Tin Can Cable Car

Recycle a soft drink can to make an unique able car install it in your bedroom & watch it run to & fro across the room

FSG3358

\$28



Mecho - Tractor

- Learn how a motor works, explore important mechanisms like pivots, linkages & levers
- Connect the circuit to build this amazing tractor, with a sturdy, lightweight & colourful body

FSG3406

\$34



Mecho - Race Car

- Explore important mechanisms like pivots, linkages & levers
- Connect the circuit to build this amazing race car, with a sturdy, lightweight & colourful body

FSG3404

\$34



Cosmic Jet Racer

- See how the cosmic jet racer zooms across the floor powered only by air

FSG03269

\$10

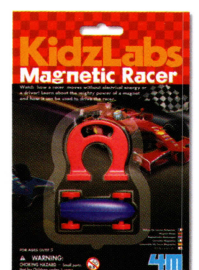


Magnetic Racer

- Watch how a racer moves without electrical energy or a driver!
- Learn about the mighty power of a magnet and how it can
- Be used to drive the racer

FSG03290

\$10



Curiosity Science Kits

Bubble Science

- Create a giant bubble which can be over a metre long
- Freeze a bubble which lasts for hours
- Play tricks with a bubble frame
- Mix your own bubble solution & much more

FSG3278

\$25



Static Science

Amazing electrostatic tricks. Did you know that static electricity can bend water, make salt jump, balloons float, your hair stick up, light bulbs, and make sparks in the air? Find out how.

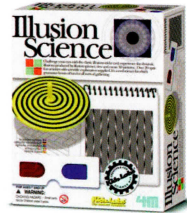
FSG3354

\$28



Illusion Science

- Challenge your eyes with classic illusion trick cards, swirling
- Spinning tops and 3d pictures
- If you are not cross-eyed you soon will be



CH0592

\$25

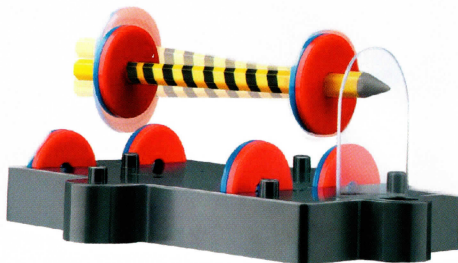


Antigravity Magnetic Levitation

- Experience the mystic forces of magnetic levitation
- Astonish your friends with amazing magnetic science & have fun
- Contains all you need to do for seven different projects

FSG32997

\$34

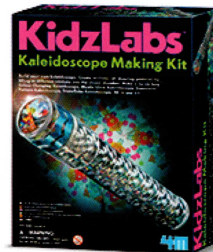


Kaleidoscope Making Kit

Build your own kaleidoscope and create millions of dazzling patterns by adding different objects into the viewing chamber, the fun is unlimited. Kit contains glowing stars.

FSG32263

\$25

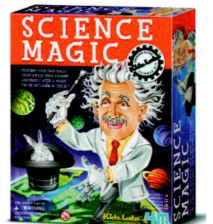


Science magic

- Amaze your friends & family with the 20 magic tricks included in this kit
- Some household items are required to complete these tricks
- Learn the science principles behind each trick

FSG3364

\$25



Coin Magic - Science Magic

Magically press a coin through a rubber sheet. This brilliant coin trick will leave your friends & family wide-eyed with amazement.

FSG67011

\$10

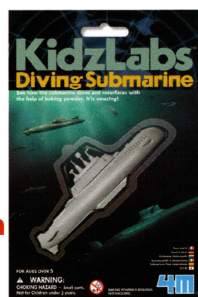


Diving Submarine

- A simple diving submarine powered by baking soda
- Watch it submerge and resurface and learn the fun

CH0592

\$10



Cartesian Diver

Lemon Clock

- Simply add your own lemon to turn this kit into an amazing lemon-powered clock
- Discover the science of batteries (it has none)
- Only uses the chemical power of the lemon

FSG3306

\$10

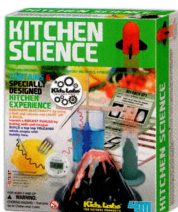


KITCHEN SCIENCE

- Perform unbelievable experiments using everyday materials
- Contains 6 specially designed kitchen experiments
- Learn how to generate electricity using a fork & a lemon and much more!

FSG3296

\$25



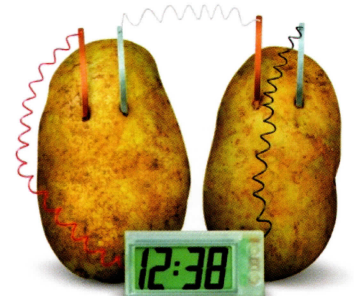
Chemistry galore

Potato clock

- What no batteries
- Be a scientist as you discover how to power this digital clock using a potato
- Experiment to find out what other substances will power the clock
- High voltage inspiration & fun

FSG3275

\$25



Earth & Weather Science Kits

Weather Science

- Learn the science behind various weather phenomenon
- Create a misty cloud, conduct experiments with acid rain, explore the impact of global warming
- Build a water recycling model

FSG3402

\$25



WEATHER STATION

- Observe and record the weather with your own multi-functional weather station
- Record temperature, rainfall & windspeed etc

FSG3279

\$25



CLEAN WATER SCIENCE

- Learn the science of cleaning & reusing dirty water

FSG3281

\$25

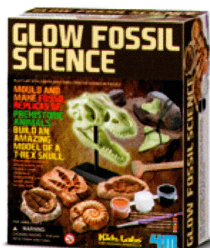


Glow Fossil Science

- Play like a palaeontologist & learn the science of fossils
- Build, excavate & paint your fossil replicas of prehistoric animals
- Contains moulds, plaster, paint, glow paint & paint brush

FSG3356

\$28



Glow Dinosaur Skull

- Build a dinosaur skull model & watch it glow in the dark comes with stand to mount your dinosaur skull

FSG3308

\$10

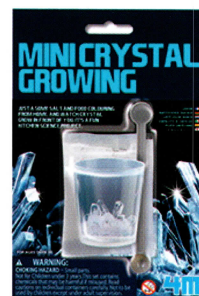


Mini Crystal Growing Kit

- Just add some salt & food colouring from the kitchen & watch crystals grow right before your eyes

FSG3916

\$10



Crystal Science

- Conduct a series of chemical experiments to grow your own set of aquamarine crystal clusters, glow in the dark moon crystal cluster & a crystal tree
- Learn how crystals are formed from solutions
- Display them as a collection

FSG3917

\$28



Crystal Growing Kit

- Grow your own sparkling crystal in the container provided
- The new and improved crystal kit allows you make one of the 3 colours from the one kit. You can also mix the colours to make your own unique colour

FSG3913

\$15



Crystal Growing Kit Large Kit

- A fantastic large crystal kit
- This kit makes 1 x large, 2 x medium & 4 small crystal kits
- There are also 3 display units, one each size
- You can make different coloured crystals to keep and enjoy

FSG3915

\$28

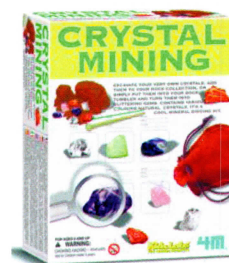


Crystal Mining

- Excavate your very own crystals simply dig into the plaster to find the hidden crystals add them to your rock collection or put them in your rock tumbler to make glittering gems

FSG3252

\$25

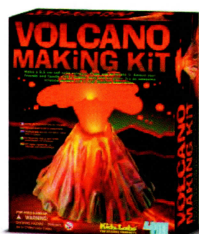


Volcano Making Kit

- Mould your volcano, paint it to look real & allow to dry
- Add vinegar & baking powder & watch the volcano erupt
- You can keep it as a decoration

FSG3230

\$25

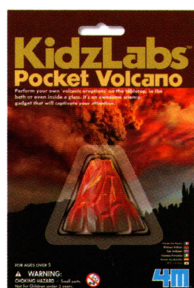


Pocket Volcano

- Watch the eruptions take place by adding baking powder & place it in the bath

FSG3218

\$10

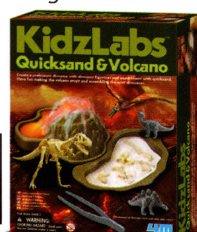


Quicksand & Volcano

- Experiment by watching the dinosaur skeleton sink slowly into the quicksand
- Have fun unearthing the pieces to assemble them
- Create a prehistoric diorama with dinosaur figurines & erupting volcano

FSG3365

\$28



Tornado Maker

- Recycle an old pet bottle to construct this battery operated tornado maker
- Create a terrific tornado on your table top
- Experience the mighty power of this natural phenomenon
- Add some glitter, or small beads for an even greater effect

FSG3364

\$28



Future Energy Activity Kit

by Clementoni

- Find out about renewable resources and build 2 solar powered vehicles
- Experiments on solar, wind, and water
- Includes a manual with information on renewable energy sources
- Ages 8 and up **Bumper Kit, Packed with serious science activities**

897054

\$69



Pumping it Up with Pneumatics

Discover basic pneumatic and hydraulic principles using syringes, tubing, valves etc. The teacher's guide provides several design & make activities including a pump, car jack, extension grabbing arm and dual hinged arm. All of the materials needed to build these models are provided, including coroplast, JAX clips, tubing and syringes.

70022

\$39



Limited Stock

Density Comparison Kit

Visually understand the concept of density. Use included containers to compare densities of both liquids and solids.

46 piece kit includes:

- 2 solid cubes
- 2 solid cylinders (89g and 227g)
- 2 clear cube containers with 500mL capacity
- 2 clear cylinder containers with 390ml capacity
- 4 colored inserts and 4 clear lids to use with containers
- 10 ping-pong balls and 20 feathers



Limited Stock

LER1210

\$39

Idea Factory Gears & Pulleys Kit.

Learn how geared machines work. Build 2-gear and 3-gear pulleys in vertical and horizontal configurations. Kit includes three different sized gears, fun mats, axles, pulleys, an open ended activity guide and more.



Limited Stock

LER2470

\$39

Large Solar System Puzzle 1100pcs

This 1100-piece jigsaw puzzle features all the planets of the Solar System and their orbits, as well as Halley's Comet and the Oort Cloud. 38cm x 59cm in size.

HJ1772

\$35



Plastic Pieces

Inflatable Eclipse Kit

LER2435

\$39

Inflatable Eclipse Kit Engage students in learning about eclipses, revolution, orbit and rotation with this inflatable kit, which includes Earth, sun and moon.

HUGE



Key Facts

Idea Factory Forces & Motion Kit

High speed activities help teach principles such as friction, gravity and momentum by building loop-the-loops, button spinners, marble catchers and more. Kit includes an open ended activity guide.

Limited Stock

LER2472

\$39



World Class K'Nex Technology Group Sets

Self contained with absolutely brilliant curriculum guidance

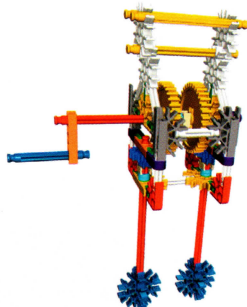
All sets conveniently packed in strong plastic Storage Case

Gears

- 198pcs**
- Build 7 different real world models one at a time, including 2 spur gear, 2 crown gear and 2 chain and sprocket gear examples.
- Supports a team of **2/3 students.**

78630

\$55



Bridges

- 207 pcs.**
- Build all 7 types of bridges
- Arch, beam, truss, cable-stayed, cantilever, suspension and bascule.
- Build 13 different bridge models, one at a time
- Supports a team of **2/3 students.**

78640

\$55

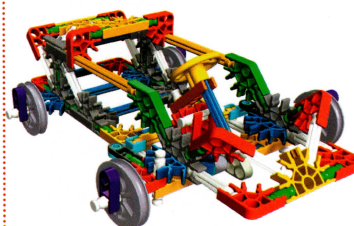


Wheels/Axles and Inclined Planes

- 221 pcs**
- Build 7 real world examples of how an axle turns a wheel. 2 levels of inclined planes, a screw and a wedge.
- Supports a team of **2/3 students.**

78620

\$55



Levers and Pulleys

- 178pcs**
- Build 8 real world model replicas of 1st, 2nd and 3rd class levers, along with fixed, movable and combination pulley systems.
- Supports a team of **2/3 students.**

78610

\$55

